

DQ-10 Temperature - Door Ajar Sensor



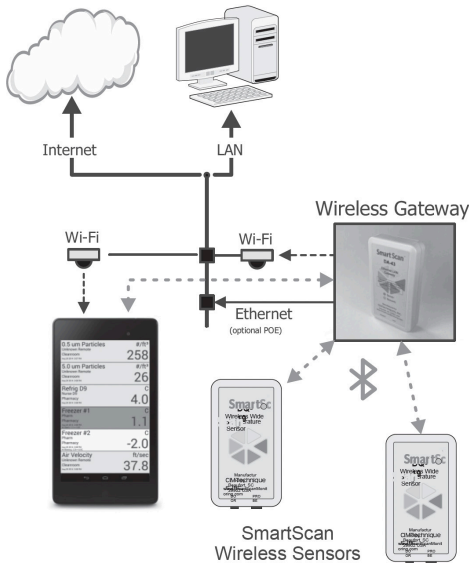
The DQ-10 is a self-contained, battery powered, wireless data acquisition unit (Base). The available probe has a standard calibrated temperature range of -30°C to +50°C with a margin of error of $\pm 0.4^{\circ}\text{C}$.

The DQ-10 communicates with either the CIMTechniques DA-43 or CS-31 Nodes to transfer the measured temperature data to our SmartScan Monitoring software.

Sample and Update Rates are set by the SmartScan Server and our SmartLinkDQ app available from the app store.

Specifications

Parameter	Value
Temperature Range	-30° to +50° \neq 0.4°C
Door Ajar	1 NC Input
IP Classification	IP40
Enclosure	Flame Retardant ABS
Wireless Range	BLE 5.0
Encryption	128-bit AES
Wireless Range	< 200' Indoors
Buffer Memory	Up to 8K Measurements
Receiver Sensitivity	-96 dBm at Mbps
Input Power	3.0 VDC (2xAA Batteries)
RF Power Output	up to +8 dBm
Physical Size	4.53" x 2.71" x 1.10"
Enclosure	Flame Retardant ABS
Weight	<6 oz (170 gm)



Contact us for more information

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Scalable Environmental Monitoring



Temperature



Humidity



Carbon Dioxide



Particles



Air Flow

Solutions

Temperature

- Min -200 °C to Max +260 °C

Humidity

- Min 10% RH to Max 90% RH

Differential Pressure

- Min ±25 Pa (±0.1" of H2O)
- Max ±500 Pa (±2.0" of H2O)

Third Party Devices

- Particle Counters
- Flow Sensors

Infrastructure

- Stabilization Devices
- Door Ajar Detection
- Water Detection

Data Collection Protocols

Sensors & Probes

- Modbus / Sensorbus
- Bluetooth

Gateways

- TCP/IP

Certifications

Calibration

- 17025 / NIST

Manufacturing

- ISO 9001

Monitoring

